

DAIKIN ALTHERMA

PRODUCT RANGE

Daikin Altherma provides a complete packaged solution which includes the heat pump, heat exchangers, main hydraulic components, hot water cylinder and controls. All systems can be connected to underfloor heating, radiators and fan convectors. Daikin Altherma comprehensive product range offers a solution for low temperature applications (Split and Monobloc system) and high temperature applications (HT system).

<p>Low Temperature Application</p>  <p>Daikin Altherma Split System</p> <p>Flexible for New Build and Refurbishment</p>	<p>Daikin Altherma Split Advantages</p> <ul style="list-style-type: none"> • No extra insulation of water pipe work required to protect from freezing up • Total flexibility - can be installed up to 70 meters away from the indoor unit • Solar panel connection option with solar enabling kit <p>Heat pump type - Outdoor (compressor) + Indoor (hydraulic parts)</p> <p>R-410A refrigerant piping - Between outdoor unit and indoor unit</p> <p>H₂O piping - Between indoor unit and heating emitters</p> <p>Leaving Water Temperature - Up to 50°C</p> <p>Capacities from - 5.75kW – 16kW</p>
<p>Low Temperature Application</p>  <p>Daikin Altherma Monobloc System</p> <p>Single unit containing all components in outdoor unit</p>	<p>Daikin Altherma Monobloc Advantages</p> <ul style="list-style-type: none"> • Only connection of water piping needed to install the system • Simpler and faster to install • Solar panel connection option with solar enabling kit <p>Heat pump type - Outdoor unit only (compressor and hydraulic parts combined)</p> <p>R-410A refrigerant piping - Not necessary</p> <p>H₂O piping - Between outdoor unit and heating emitters</p> <p>Leaving Water Temperature - Up to 50°C</p> <p>Capacities from - 11kW to 16kW</p>
<p>High Temperature Application</p>  <p>Daikin Altherma HT System</p> <p>Ideal as direct replacement for existing boiler</p>	<p>Daikin Altherma HT Advantages</p> <ul style="list-style-type: none"> • Direct boiler replacement, works with existing high temperature radiators • Up to 80°C without need of additional electric heater • Fast DHW recovery times <p>Heat pump type - Outdoor (compressor 1) + Indoor (compressor 2 and hydraulic parts)</p> <p>R-410A refrigerant piping - Between outdoor unit and indoor unit</p> <p>H₂O piping - Between indoor and heating emitters</p> <p>Leaving Water Temperature - Up to 80°C</p> <p>Capacities from - 11kW to 16kW</p>